

INTEGRATED PROTEIN AFFINITY CAPTURE  
CENTRIFUGATION DEVICE

ABSTRACT OF THE DISCLOSURE

- 5           A method and apparatus are described for screening a proteome comprising an array of affinity elements, whereby a proteome is directed through the affinity array and those components that specifically bind to the affinity array are eluted in a suitable eluent by means of centrifugation. Suitable eluents can include a proteome component, a chemical library component or an affinity element. This method and apparatus can be
- 10       used for several purposes, including screening for bio-active compounds, determining physiological targets of known drugs, determining specificity of compound interactions with physiological targets, and for quantitative protein analyses.